

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS

69A Hagood Avenue

Charleston, South Carolina 29403-5107

and the

S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT

1362 McMillan Avenue, Suite 400

Charleston, South Carolina 29405

REGULATORY DIVISION

Refer to: P/N #2006-1457-2IR-P

February 9, 2007

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344), and the South Carolina Coastal Zone Management Act (48-39-10 et.seq.) an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

**CITY OF CHARLESTON
LAURA CABINESS, DIRECTOR OF PUBLIC SERVICES
75 CALHOUN STREET
CHARLESTON, SOUTH CAROLINA 29401-3506**

for a permit to place fill in waters of the U.S., including wetlands adjacent to

SEASIDE CREEK

at two locations along Battleground Road on James Island, Charleston County, South Carolina. One location is at a James Island PSD pump station located 0.4 miles on the left side of Battleground Road after the intersection with Ft. Lamar Road (Latitude: 32.70413; Longitude: 79.95399). The second location is 0.1 mile on the left past the pump station. (Latitude: 32.70416; Longitude: 79.95310).

In order to give all interested parties an opportunity to express their views

N O T I C E

is hereby given that written statements regarding the proposed work will be received by both of the above mentioned offices until

12 O'CLOCK NOON, MONDAY, MARCH 12, 2007

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of placement of fill material, geotextile liner, bedding stone and riprap OR concrete mats at two areas where severe erosion and undercutting are jeopardizing a James Island PSD pump station at one location and Battleground Road at a second location. The project will involve cumulative impacts to 0.15 acres along approximately 340 feet of bank and include the placement of a total of 865 cubic yards of material. The applicant has considered a number of alternatives including a bulkhead. However, engineering constraints have rendered the bulkhead alternative infeasible. The purpose of the project is to repair the undercutting of the road and erosion of the creek bank and to prevent further erosion at the two locations noted above.

NOTE: Plans depicting the work described in this notice are available and will be provided, upon receipt of a written request, to anyone that is interested in obtaining a copy of the plans for the specific project. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided for mailing the drawings to you. Your request for drawings should be addressed to the

**U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
69A Hagood Avenue
Charleston, South Carolina 29403-5107**

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. The work shown on this application must also be certified as consistent with applicable provisions the Coastal Zone Management Program (15 CFR 930). The District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 0.15 acres of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the red drum, shrimp, and snapper-grouper management complexes. Our initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

Pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended), the District Engineer has consulted the most recently available information and has determined that the project is not likely to adversely affect any Federally endangered, threatened, or proposed species or result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request for written concurrence from the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service on this determination.

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

In accordance with the NHPA, the District Engineer has also consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein, and this worksite is not included as a registered property or property listed as being eligible for inclusion in the Register. To insure that other cultural resources that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office to provide any information it may have with regard to historic and cultural resources.

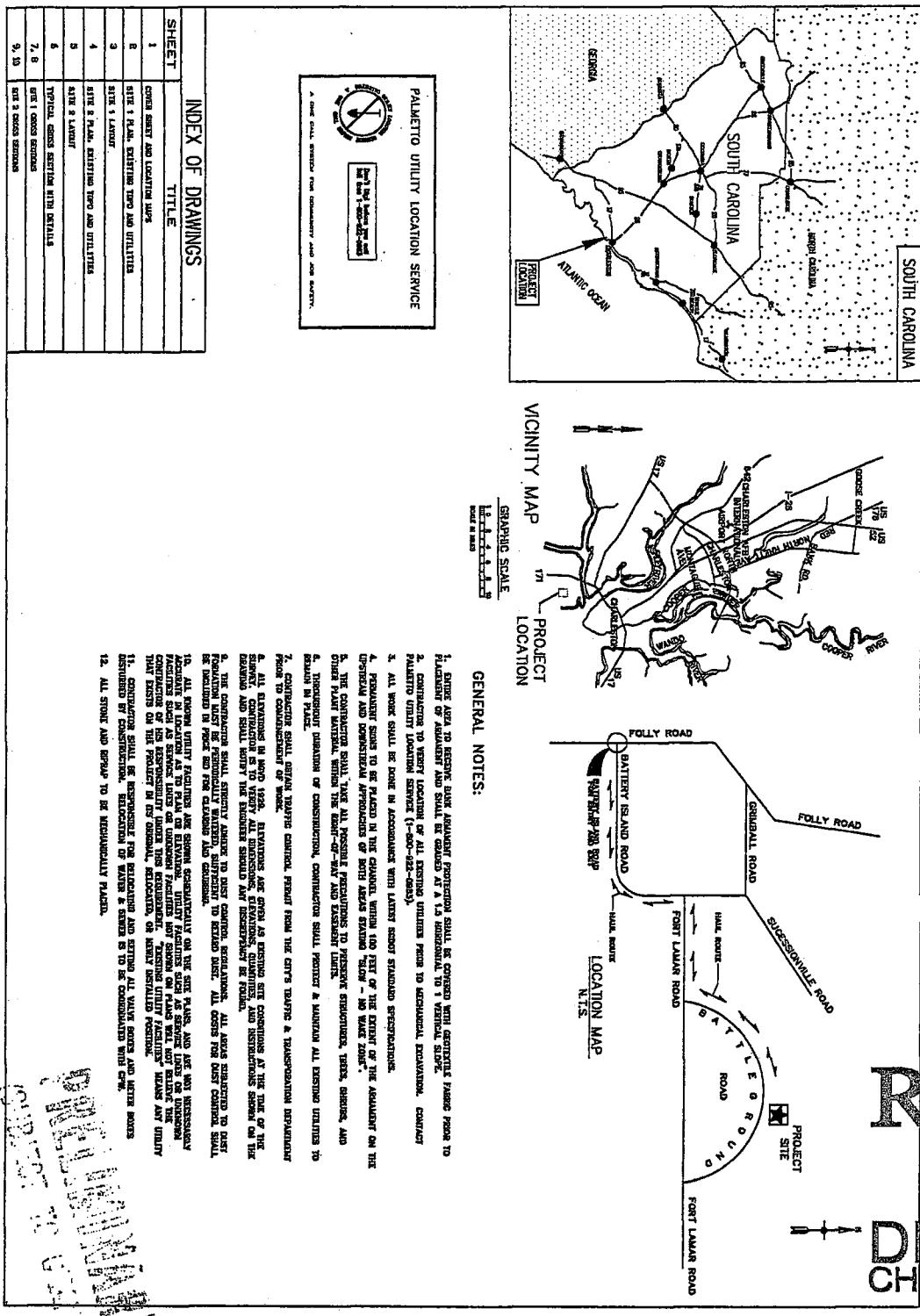
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps of Engineers cannot undertake to adjudicate rival claims.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

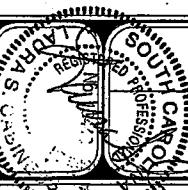
If there are any questions concerning this public notice, please contact Robin Collier-Socha at 843-329-8044 or toll free at 1-866-329-8187.

Steve Brooks
Project Manager
SCDHEC-OCRM



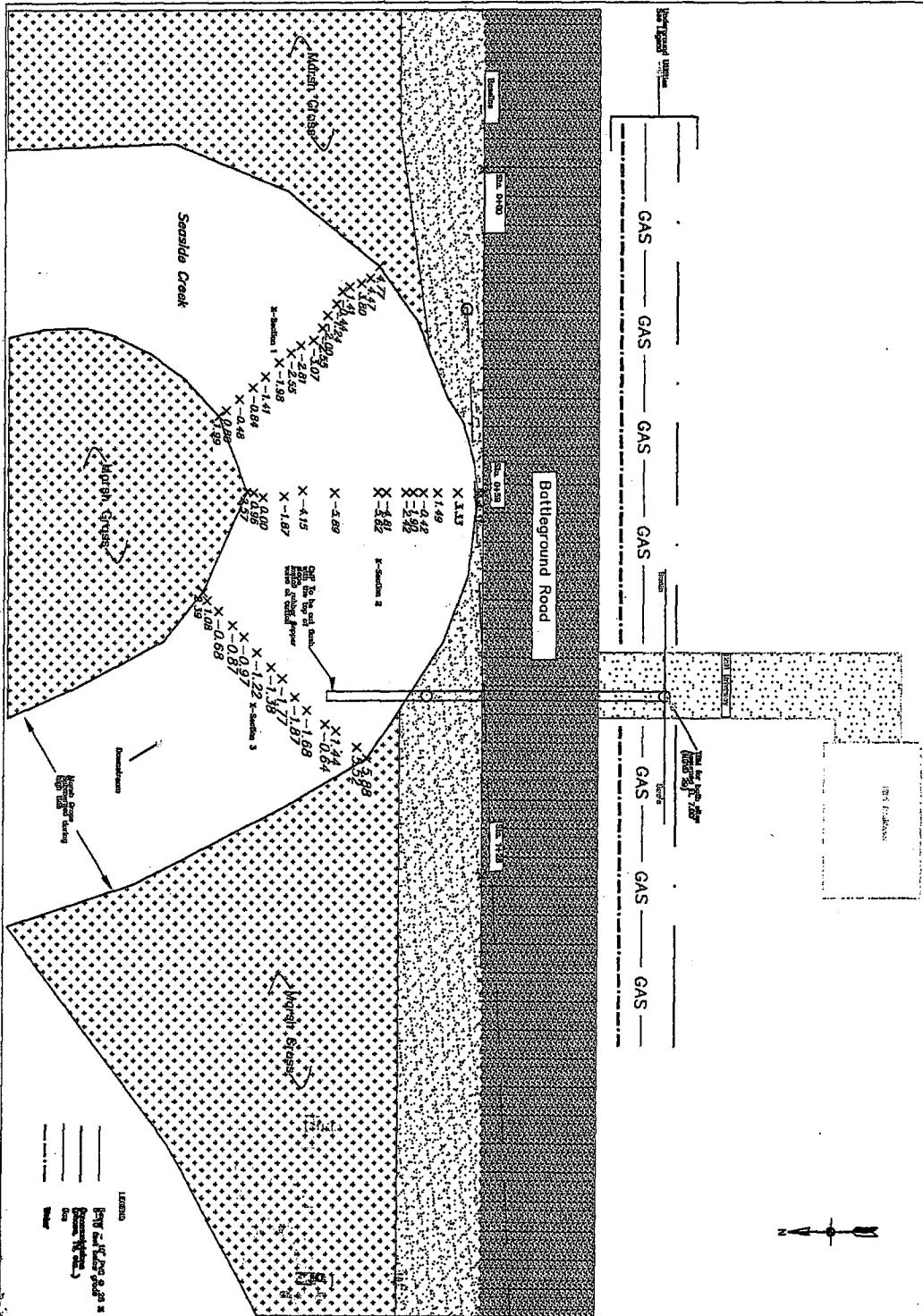
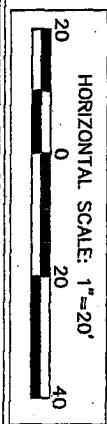
Battleground Road
Erosion Control Project

Cover Sheet

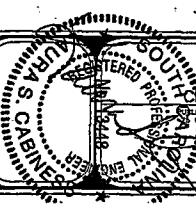


CITY OF CHARLESTON

PUBLIC SERVICE DEPARTMENT, ENGINEERING DIVISION
1075 CALDWELL ST. CHARLESTON, SC 29401-3306
PHONE: (843) 704-2791



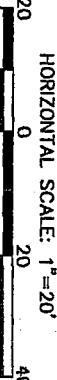
2006-1457-2IR-P

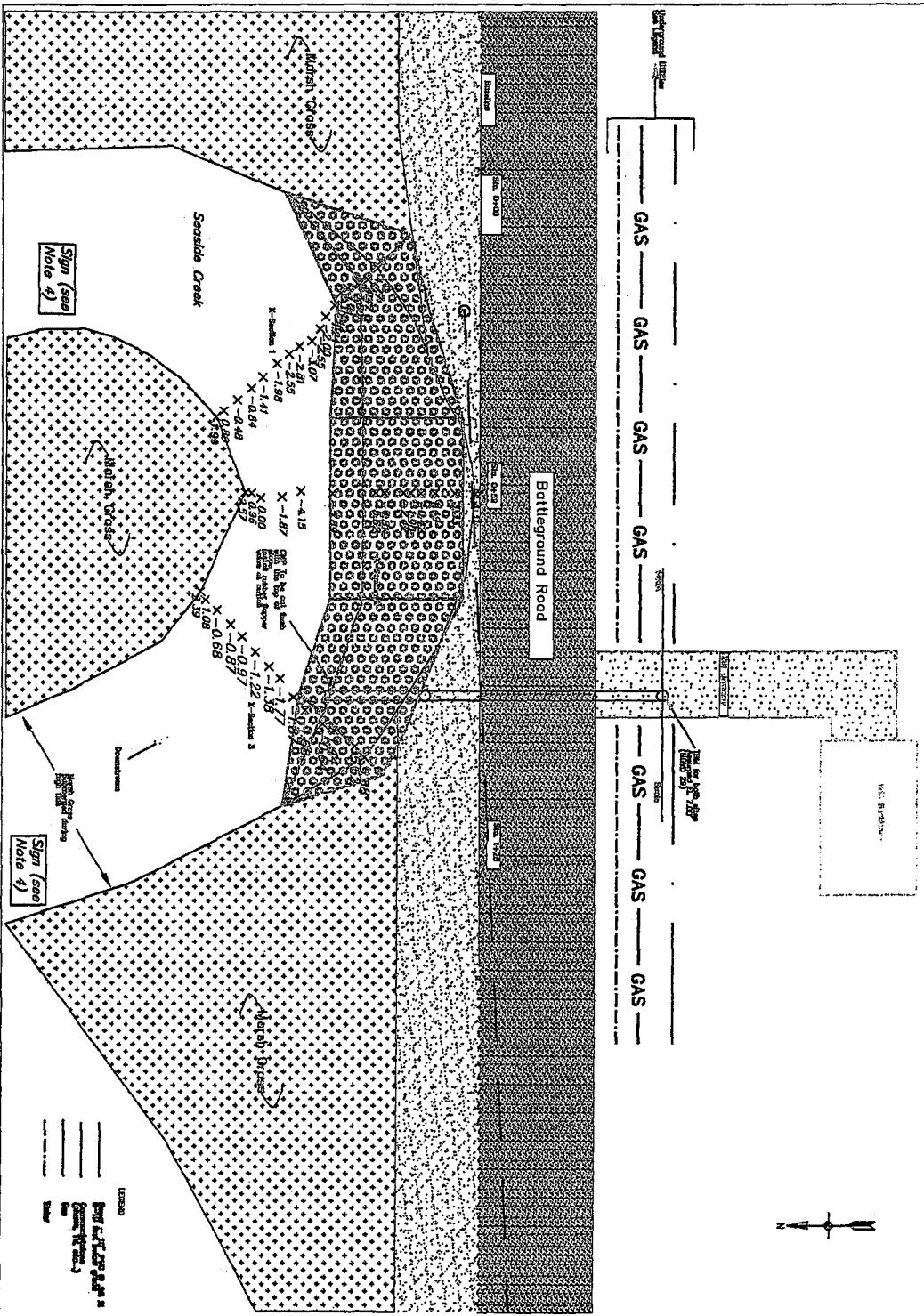


Battleground Road
Erosion Control Project

Site 2 Existing Conditions

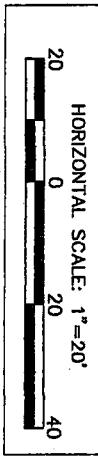
Job No.	Architect No.
Sheet 2 of 10	

HORIZONTAL SCALE: 1"=20'


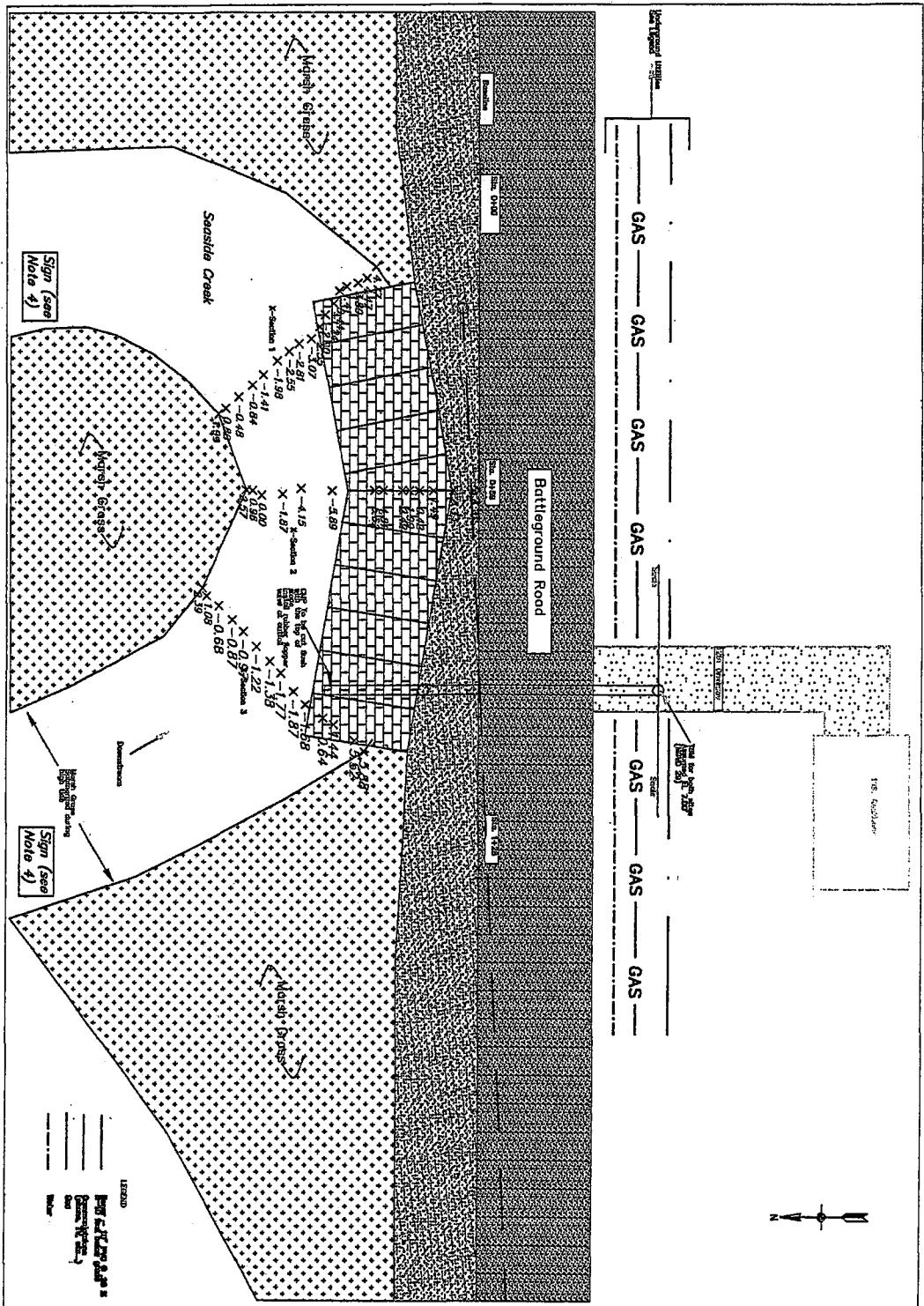


Job No.	Printed By:
Sheet No.	of 10

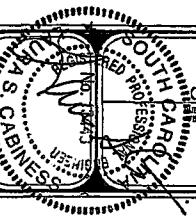
Battleground Road
Erosion Control Project
Site 1 Riprap Armament



PRELIMINARY



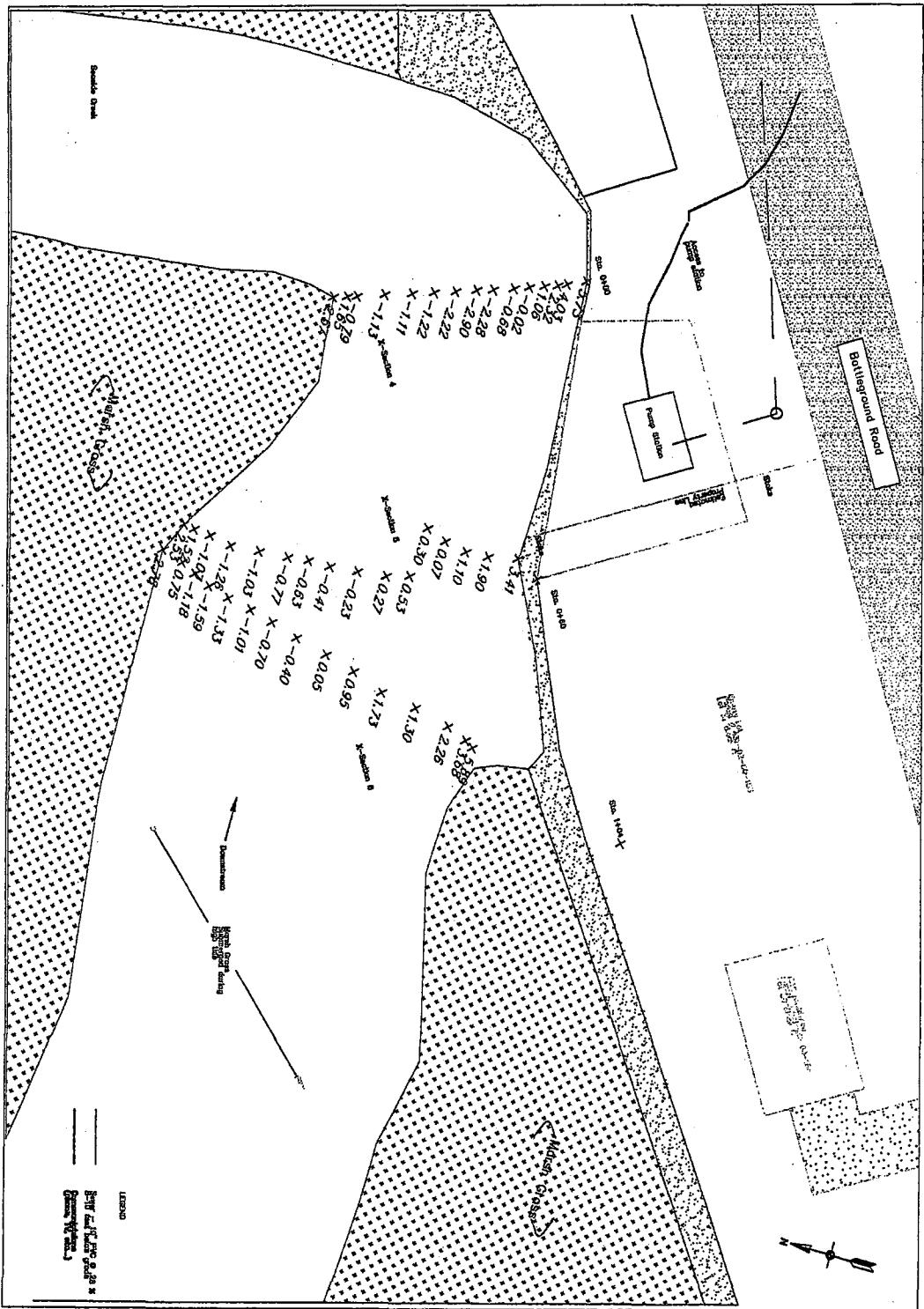
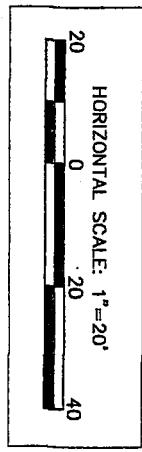
2006-1457-2IR-P



Battleground Road Erosion Control Project

Site 1 ArmorFlex

Job No.:	Date
Sheet 20 of 100	Revision No.



PRELIMINARY
(SUBJECT TO CHANGE)

Battleground Road
Erosion Control Project

Site 2 Existing Conditions

CITY OF CHARLESTON

MUNICIPAL SERVICE DEPARTMENT, ENGINEERING DIVISION

107 CALHOUN ST., CHARLESTON, S.C. 29401-3500

PHONE (803) 724-3781

Job No.:	Sheet 4 of 10
----------	---------------



SOUTH CAROLINA

STATE OF

THE UNITED STATES

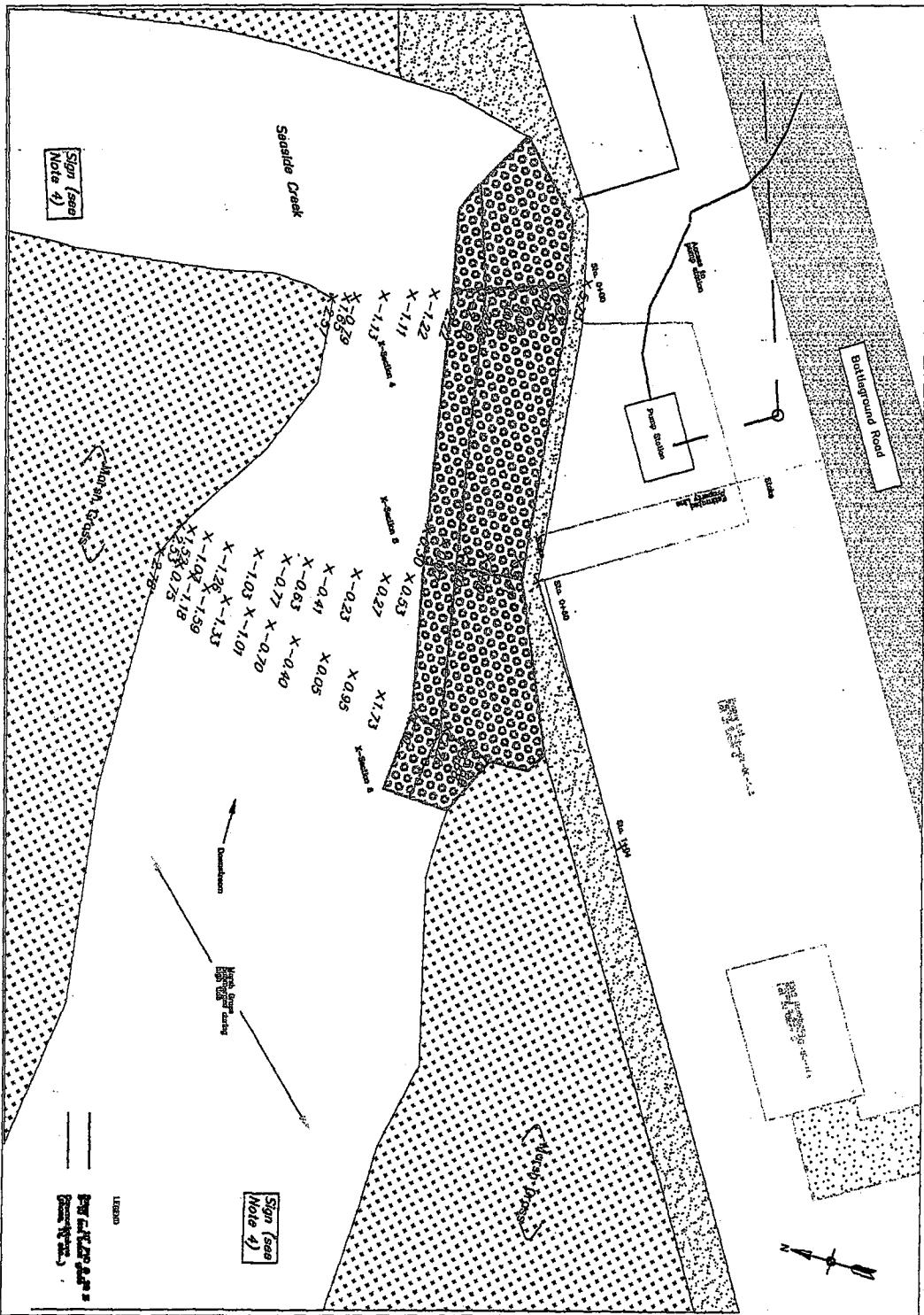
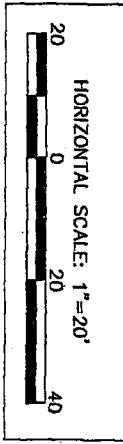
GOVERNMENT

PRINTED IN U.S.A.

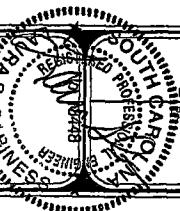
2006-1457-2TR-P

PRELIMINARY
SUBJECT TO CHANGE

HORIZONTAL SCALE: 1"=20'



2006-1457-2IR-P



CITY OF CHARLESTON

Battleground Road Erosion Control Project

Site 1 Riprap Armament

Sheet	Page	10
Job No.:		

PRELIMINARY

HORIZONTAL SCALE: 1" = 20'

Sign
Date (4)
1998

Seaside Creek

— 1 —

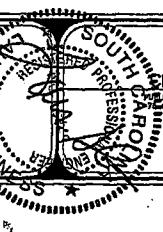
卷之三

**Sign (see
Note 4)**

四

Battleground Road
Erosion Control Project

Site 2 ArmorFlex



CITY OF CHARLESTON
CIVIL SERVICE DEPARTMENT, ENGINEERING DIVISION
CHARLESTON, S.C. 29401-3308
(803) 747-3781

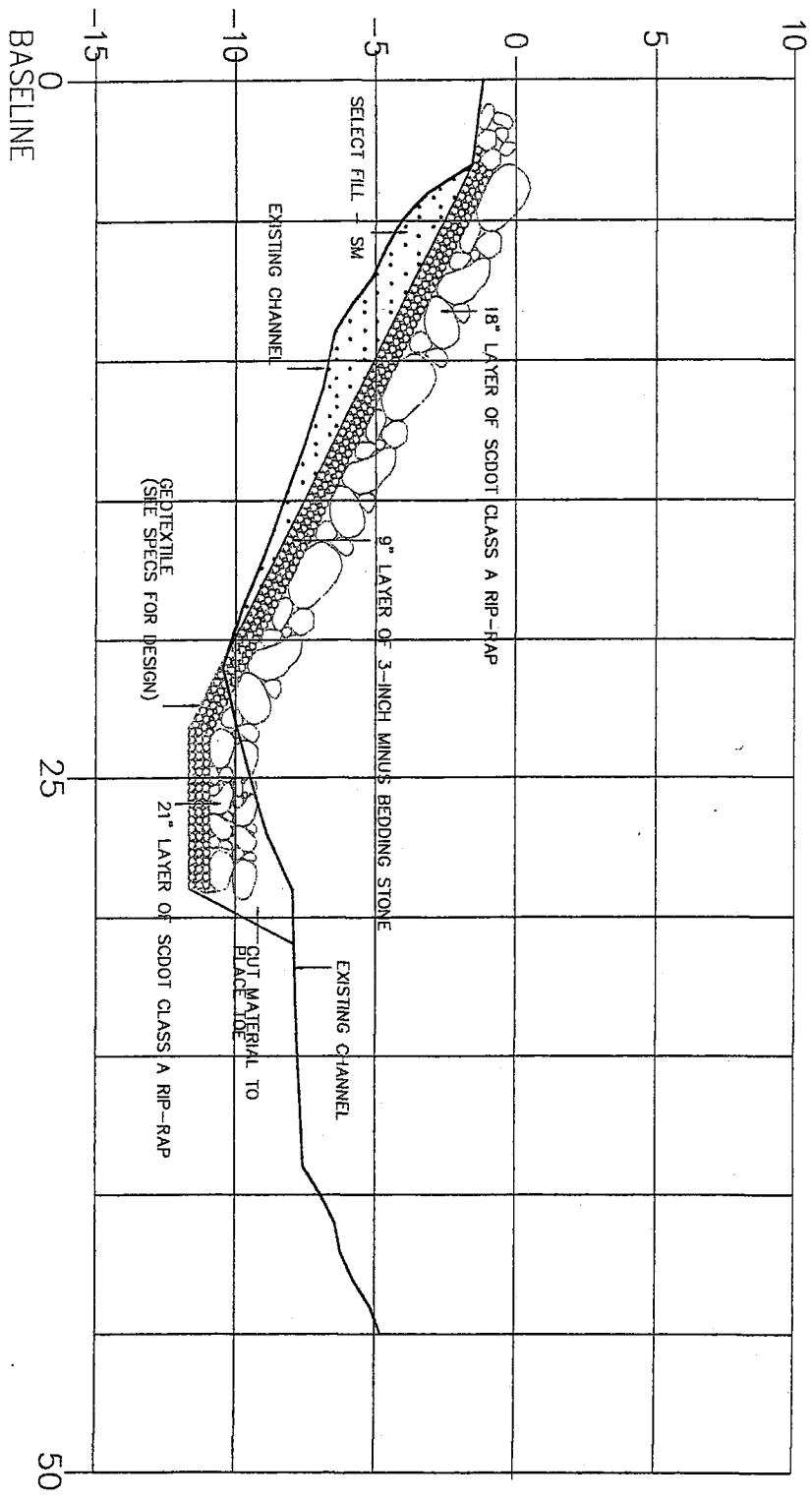
RC SERVICE DEPARTMENT, ENGINEERING DIVISION
CALMOUN ST., CHARLESTON, S.C. 29401-3506
PHONE: (803) 224-3261

1990 (1991) 22:3-6.

Digitized by srujanika@gmail.com

[View Details](#)

Sheet 5 for 10



PRELIMINARY

Job No.
Sheet No. 10

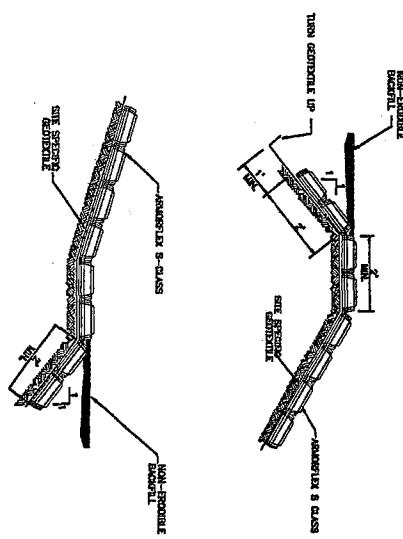
Battleground Road
Erosion Control Project
Typical Riprap
Cross-Section



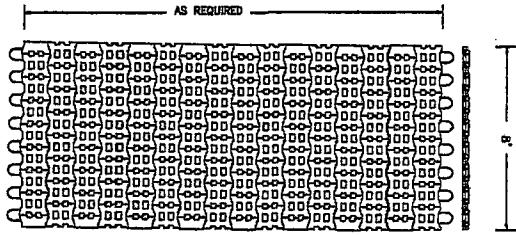
CITY OF CHARLESTON
PUBLIC SERVICE DEPARTMENT, ENGINEERING DIVISION
101 CALDWELL ST., CHARLESTON, W.V. 25301-3500
PHONE (304) 224-3791

2006-1457-2IR-9

DETAIL IV &
TOE OF SLOPE DETAILS
NOT TO SCALE

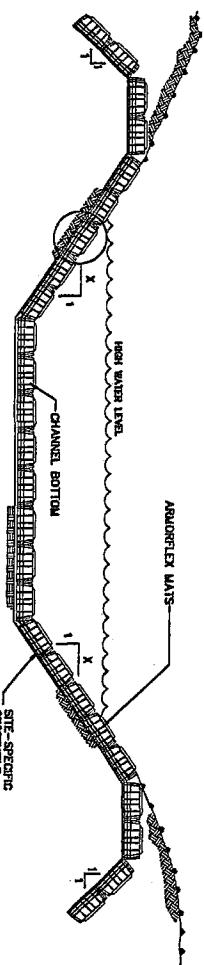


DETAIL I
TYPICAL ARMORPLATE 8-SLATE MAT
NOT TO SCALE

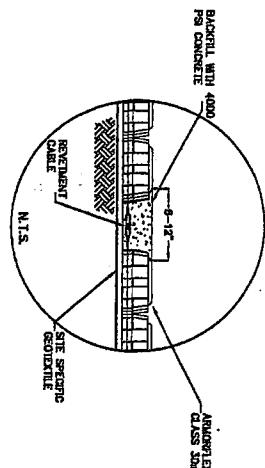


AS REQUIRED

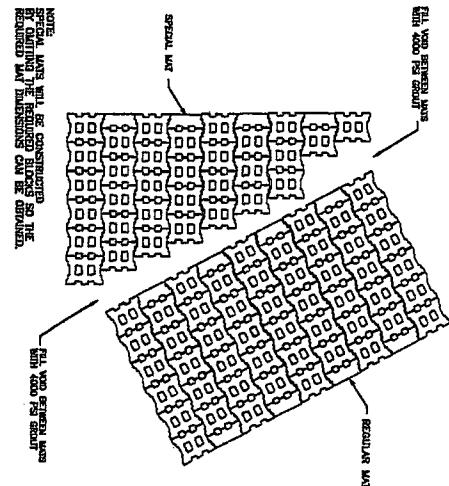
DETAIL V
TRAPAZOIDAL CHANNEL
CROSS-SECTION
NOT TO SCALE



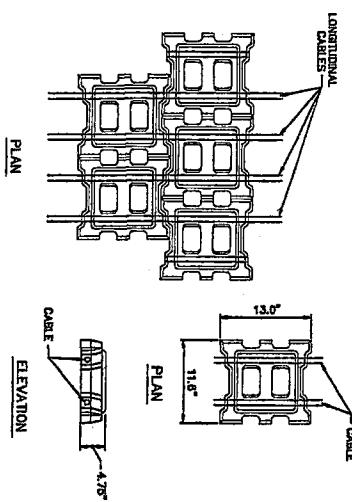
DETAIL V
MAT TO MAT CONNECTION
NOT TO SCALE



DETAIL II
SPECIAL MATS
(TYPICAL DETAIL)
NOT TO SCALE

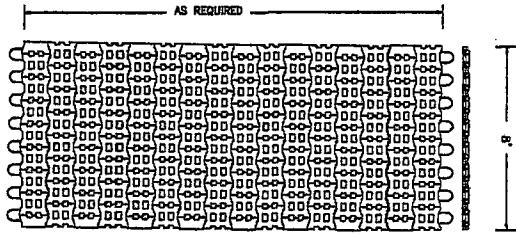


NOTE:
SPECIAL MATS MAY BE CONSIDERED AS THE
SPECIFIED MATS, BUT FOR DESIGN PURPOSES, THE
REGULAR MATS MAY BE USED. DIMENSIONS CAN BE CHANGED.

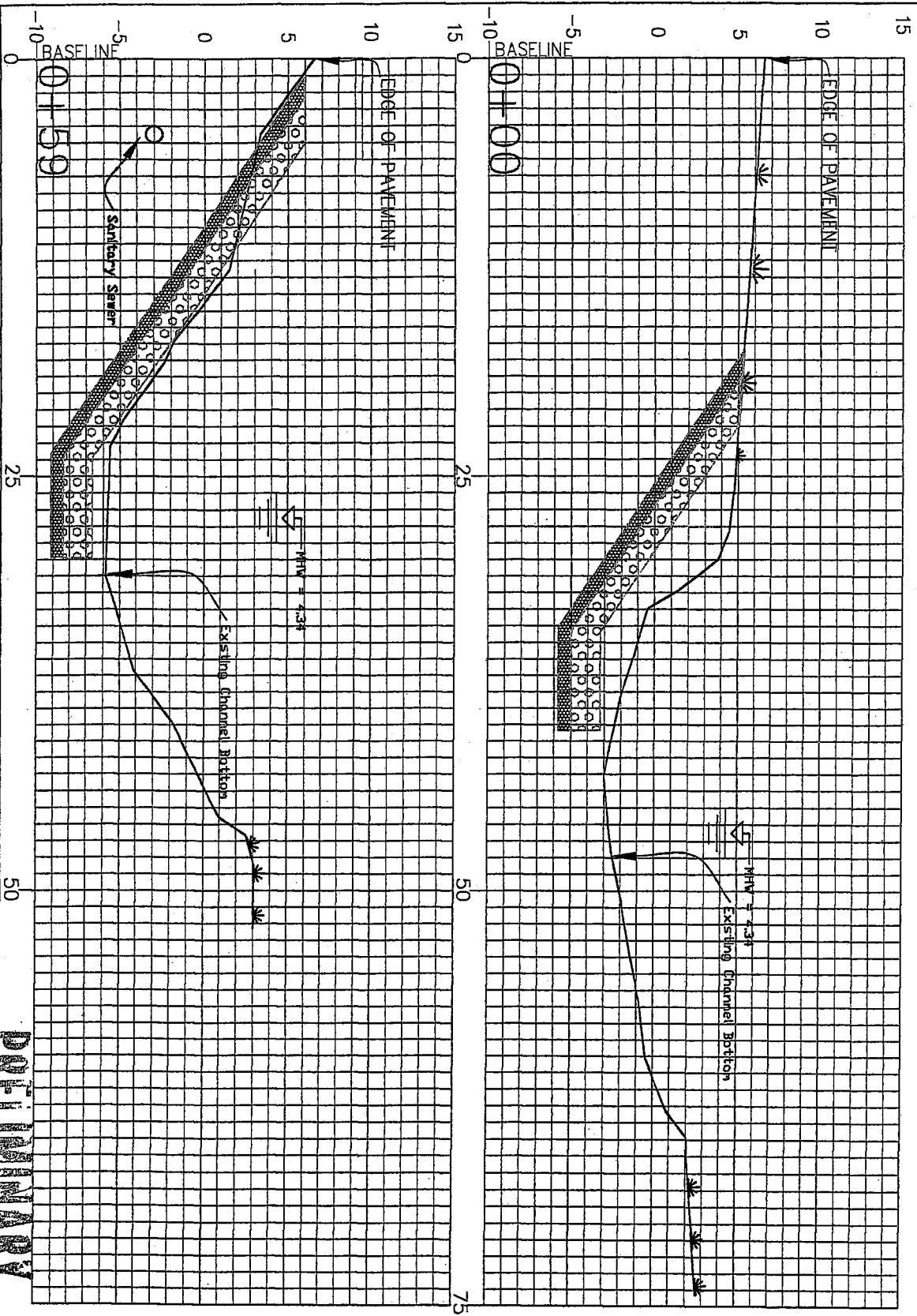


DETAIL III
CELLULAR BLOCK DETAIL
NOT TO SCALE

PLAN



AS REQUIRED



2006-1457-2IR-P

Battleground Road
Erosion Control Project
Cross-Sections 1 and 2

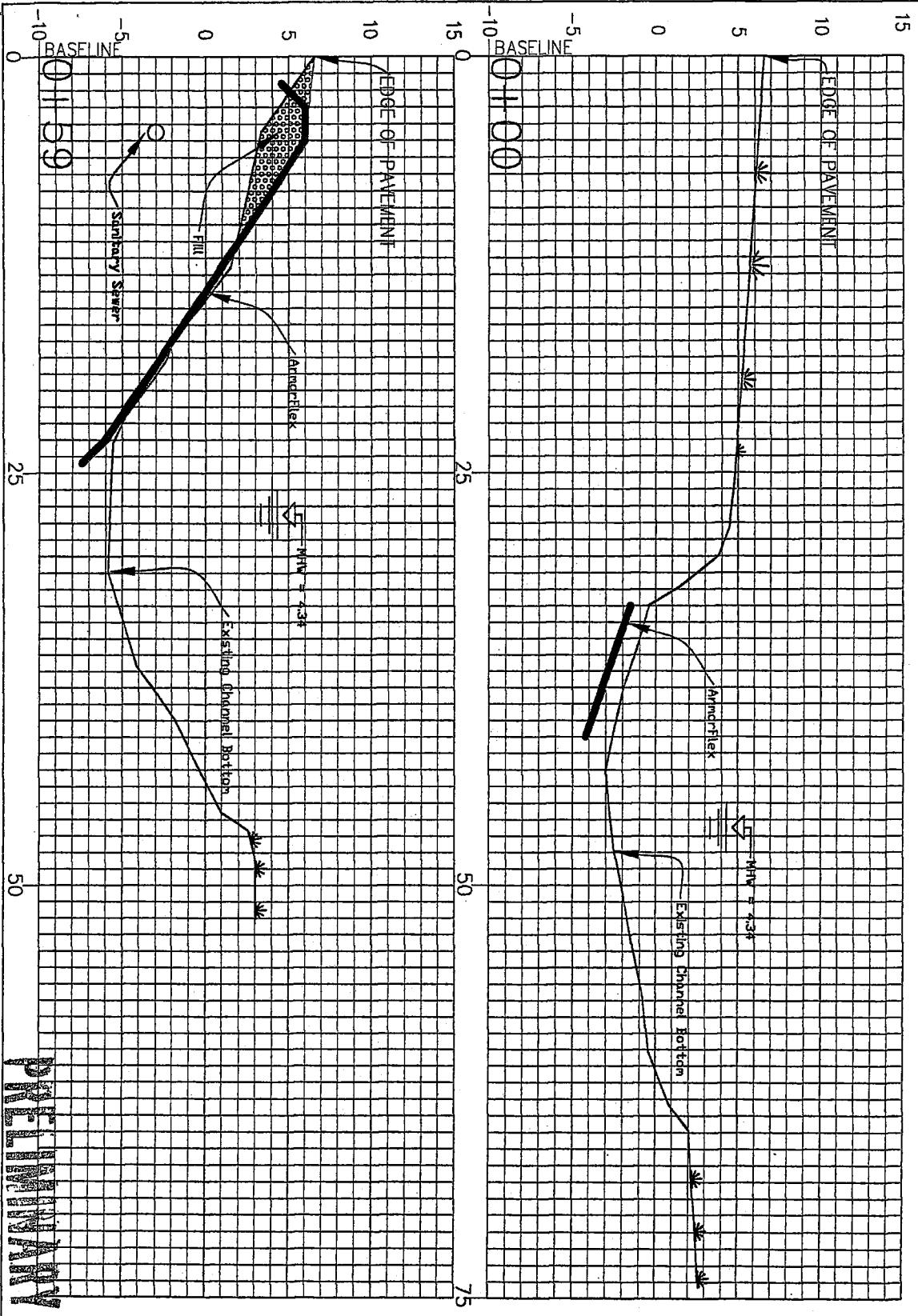


CITY OF CHARLESTON

PUBLIC SERVICE DEPARTMENT, ENGINEERING DIVISION
CABINET NO. 10
PHONE (803) 724-3701

Job No.:	Sheet 7 of 10
Date:	Revision No.:

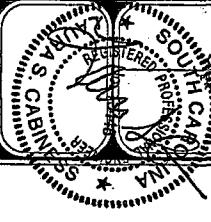




2006-1457-2IR-9

Battleground Road
Erosion Control Project

Cross-Sections 1 and 2



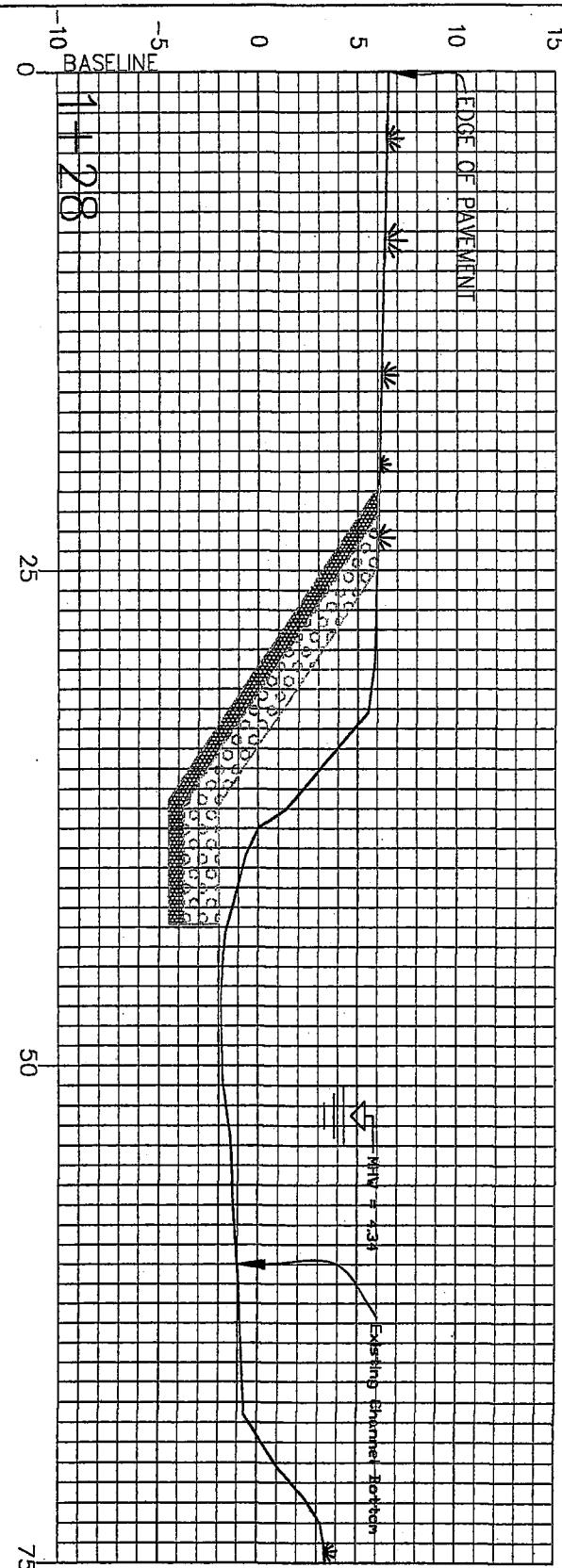
CITY OF CHARLESTON

WATER SERVICE DEPARTMENT, ENGINEERING DIVISION

100 CALLOW ST., CHARLESTON, S.C. 29401-3500

PHONE (803) 724-3781

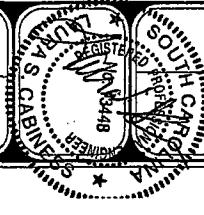
PRELIMINARY
SUBJECT TO CHANGE



2006-1457-2IR-P

Battleground Road
Erosion Control Project

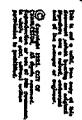
Cross-Section 3

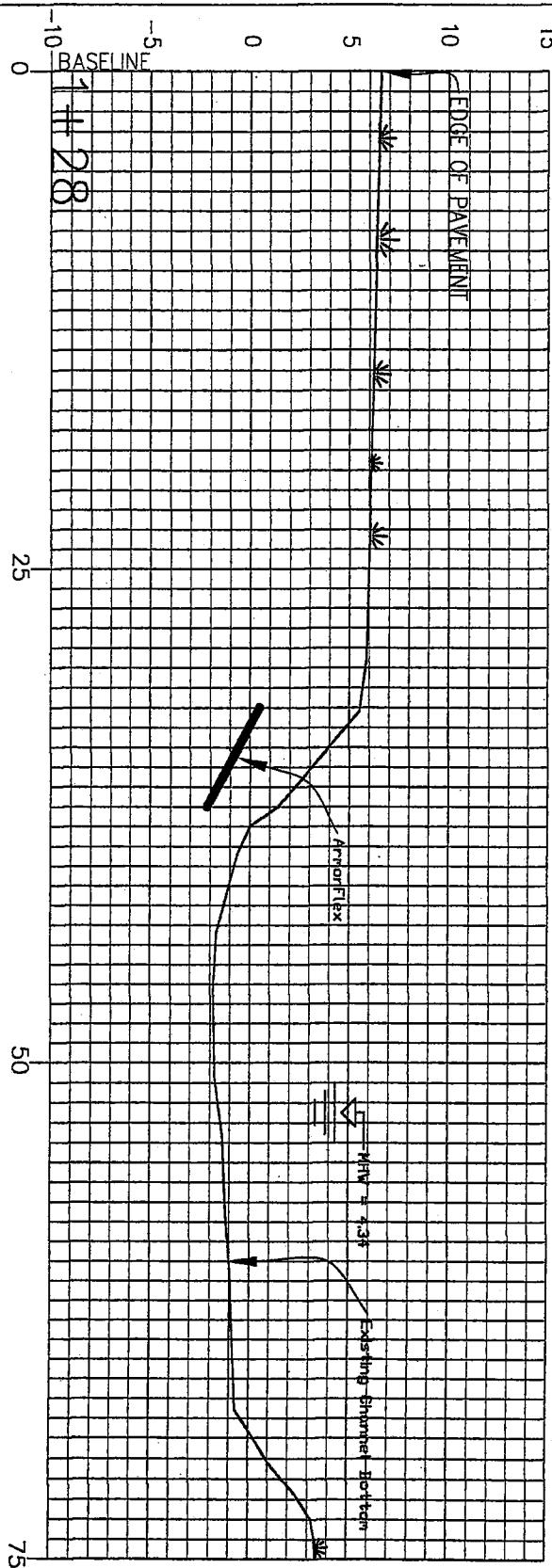


CITY OF CHARLESTON

PUBLIC SERVICE DEPARTMENT, ENGINEERING DIVISION
70 CALHOUN ST. CHARLESTON, S.C. 29401-3504
PHONE (803) 784-3781

Date	Revised No.
Sept 2006	10

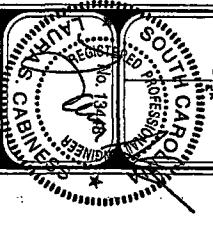




2006-1457-2IR-4

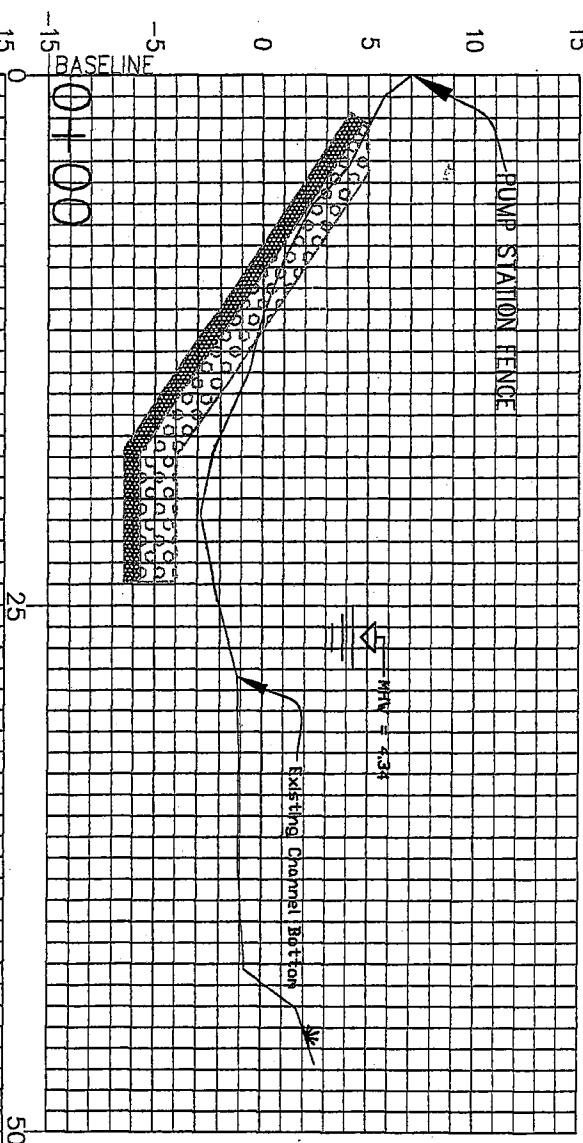
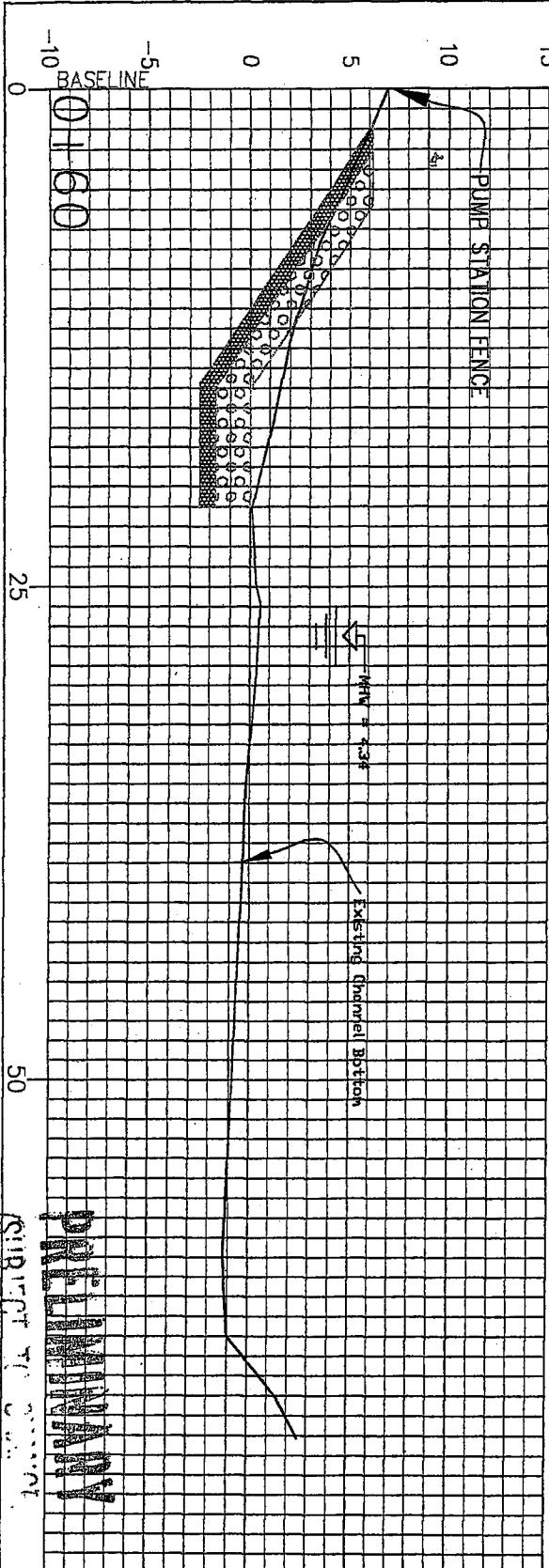
Battleground Road
Erosion Control Project

Cross Section 3



Job No.:	Date:
Sheet No.:	Section No.:



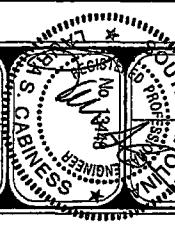


2006-1457-ZER-9

Battleground Road
Erosion Control Project

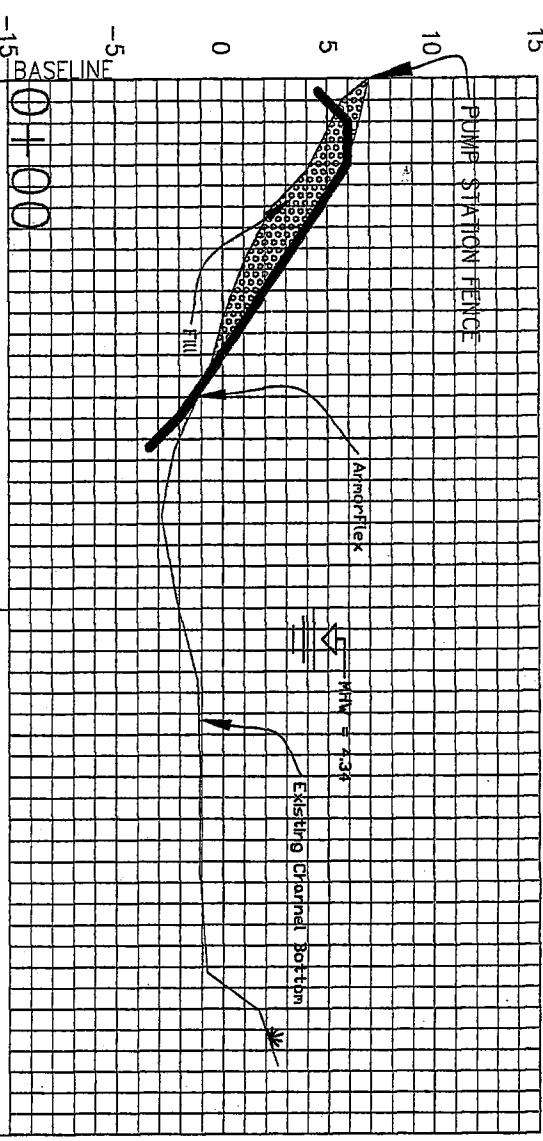
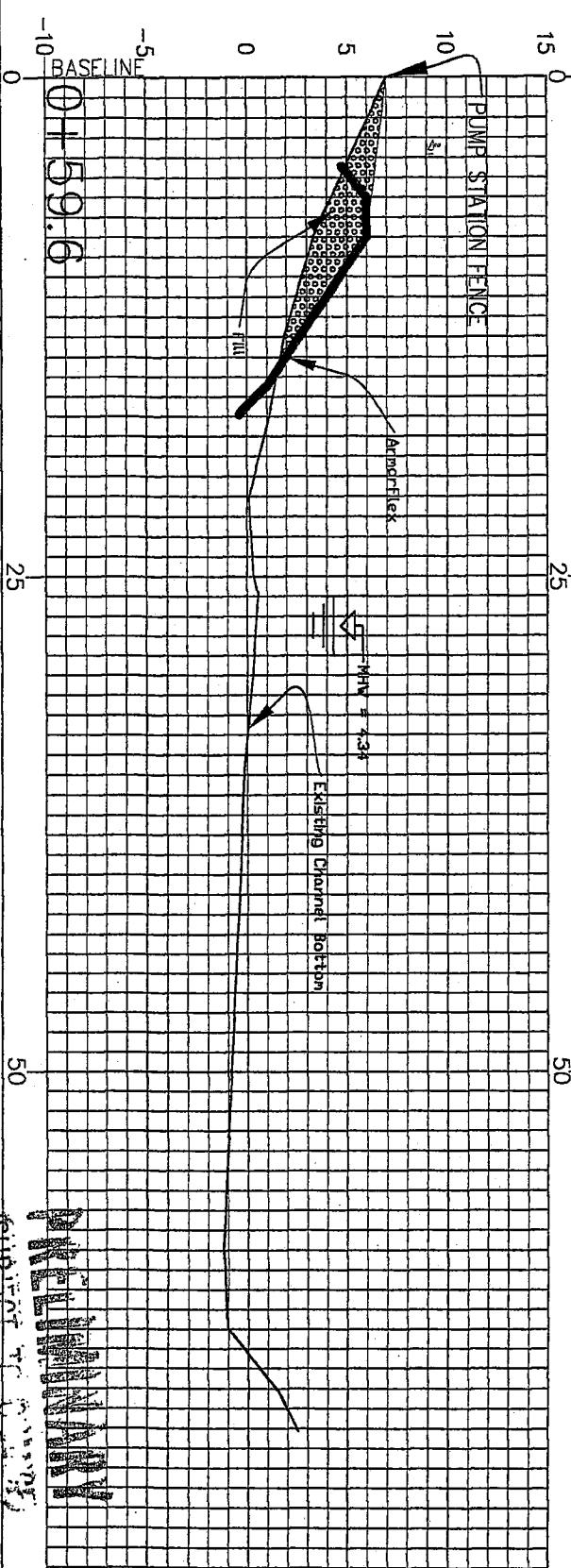
Cross-Sections 4 and 5

Job No.:	Sheet No.:
Date:	Revision No.:
DRAWN BY: [Signature]	
DESIGNED BY: [Signature]	
CHECKED BY: [Signature]	
APPROVED BY: [Signature]	
P.L. & P.P.	



CITY OF CHARLESTON
PUBLIC SERVICE DEPARTMENT, ENGINEERING DIVISION
75 CALDWELL ST., CHARLESTON, S.C. 29401-3506
PHONE: (803) 724-3781

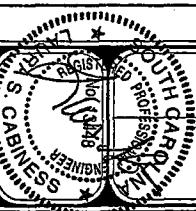




2006-1457-ZIR-P

Battleground Road
Erosion Control Project

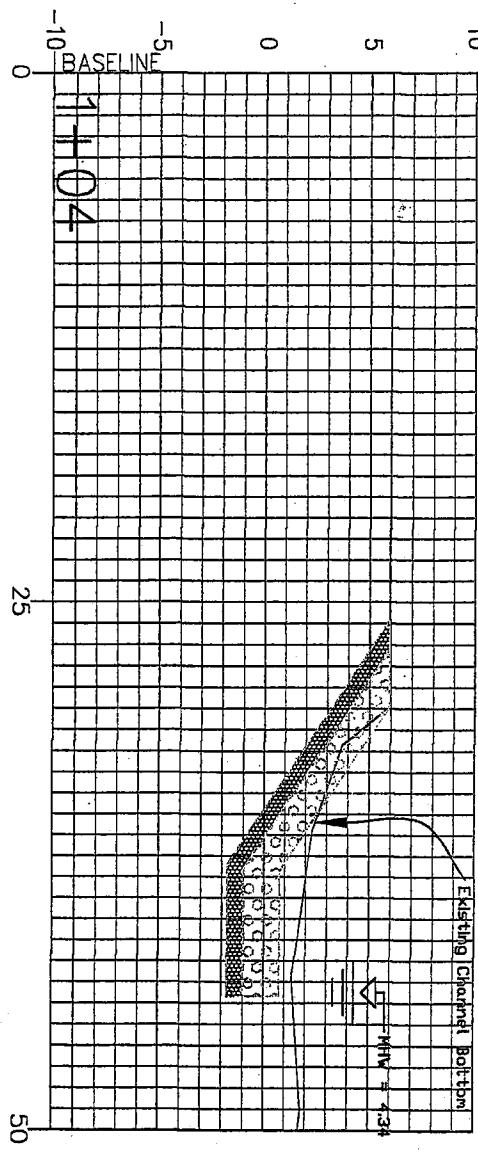
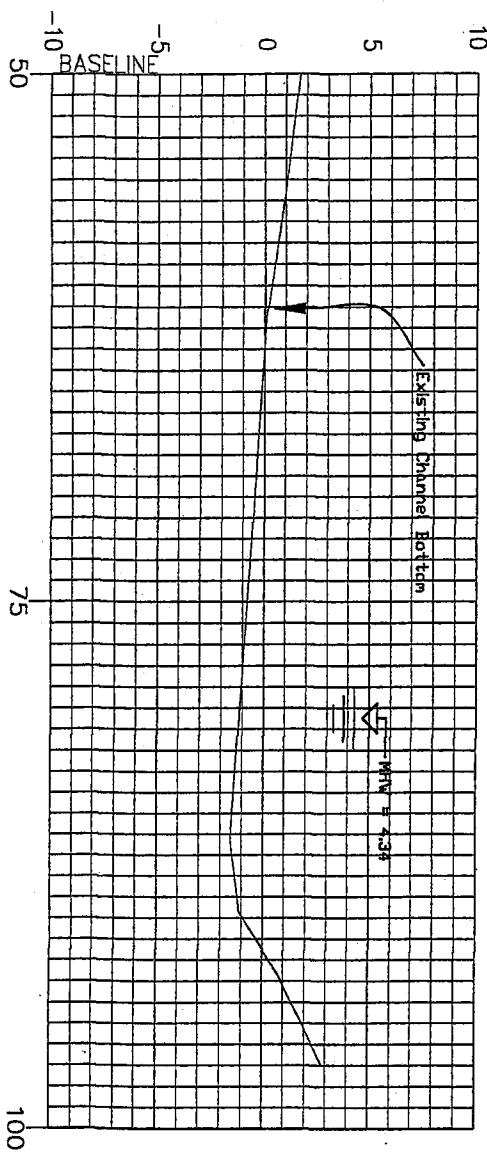
Cross-Sections 4 and 5



CITY OF CHARLESTON
ENGINEERING DEPARTMENT, PUBLIC WORKS
101 CALDWELL ST., CHARLESTON, S.C. 29401-3208
PHONE: (803) 724-3781

Job No.:	Revised No.:
Date:	
Approved:	Approved:
Perf. By:	Perf. By:
Perf. Date:	Perf. Date:

Sheet 9 of 10

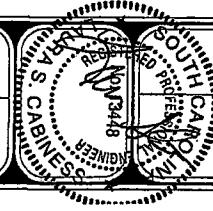


PRELIMINARY

Battleground Road
Erosion Control Project

Cross-Section 6

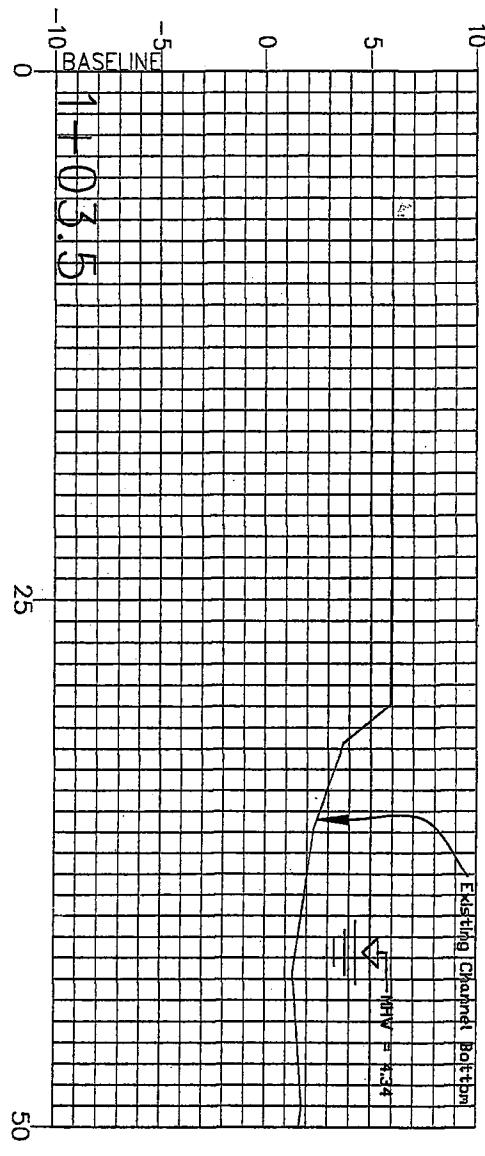
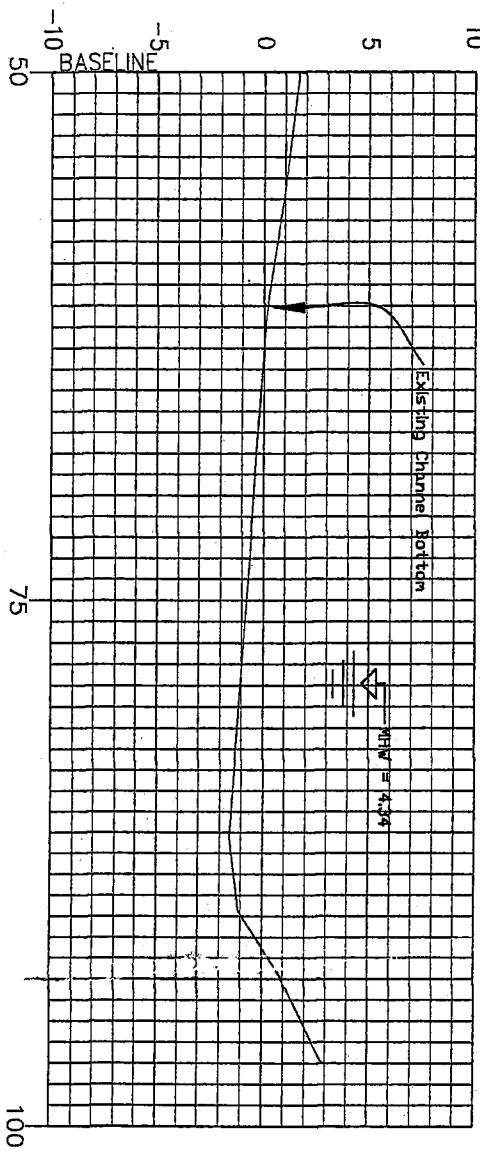
Job No.: 1000110	Date Approved:
Revised No.:	Page No.:



CITY OF CHARLESTON

PUBLIC SERVICE DEPARTMENT, ENGINEERING DIVISION
79 CALDWELL ST., CHARLESTON, S.C. 29401-3326
PHONE: (803) 724-3781

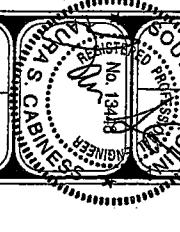
2006-1457-ZIR-P



PRELIMINARY
(S.B.C.C. C.D.)

Battleground Road
Erosion Control Project

Cross-Section 6



CITY OF CHARLESTON

PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION
75 CALHOUN ST. CHARLESTON, S.C. 29401-3508
PHONE: (803) 724-5781

Job No.:
Sheet No.: 10
Date: _____
Edition No.: _____

2006-1457-2TR-P